

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 18172
Application ID: 10065163
Title of Invention: COMPONENT ANALYSIS OF MIXTURES BY NUCLEAR MAGNETIC RESONANCE
First Named Inventor: Thomas EARLY
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-09-23
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 040849-0192
Digital Certificate Holder: cn=Michael D. Kaminski, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest: toTp1/1RKU+j47rNw/td0w==
Total Fees Authorized: \$816.0
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Deposit Account Number: 190741
Deposit Account Name: Bonita G. Huber





TRANSMITTAL FORM

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Stylesheet Version: 1.0

Submission Type: Utility Patent
Filing

Attorney Docket
Number:

040849-
0192

COMPONENT ANALYSIS OF MIXTURES BY NUCLEAR MAGNETIC RESONANCE

First Named Inventor: Thomas Alan EARLY

SUBMITTED BY

| | |
|---------------------------------|-----------------------|
| Name: | Michael D. Kaminski |
| Registration Number: | 32,904 |
| Electronic Signature Mark: MKDA | Date Signed: 20020923 |

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|-------------|-----------|
| declaration | Dec01.tif |
| declaration | Dec02.tif |
| declaration | Dec03.tif |
| declaration | Dec04.tif |

specification
bibd-transmittal
fee-transmittal
patent-assignments

efs040849-0192.xml
ePAVEapds.xml
ePAVEfee.xml
ePAVEasgn.xml

Attached Image File(s):

Dec01.tif
Dec02.tif
Dec03.tif
Dec04.tif

Comments:

Atty. Dkt. No. 040849/0192
GE Docket Number-121,788

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

COMPONENT ANALYSIS OF MIXTURES BY NUCLEAR MAGNETIC RESONANCE

Attorney Docket No. 040849/0187
(GE Docket Number-27,969)

the specification of which (check one)

 X is attached hereto.

 was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Atty. Dkt. No. 040849/0192
GE Docket Number-121,788

| U.S. Provisional Application Number | Filing Date |
|-------------------------------------|-------------|
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I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

| U.S. Parent Application Number | PCT Parent Application Number | Parent Filing Date | Parent Patent Number |
|--------------------------------|-------------------------------|--------------------|----------------------|
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I HEREBY APPOINT the following registered attorneys and agents to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith:

| | |
|-------------------------------------|-----------------|
| CHRISTIAN G. CABOU | Reg. No. 35,467 |
| DONALD S. INGRAHAM | Reg. No. 33,714 |
| JILL M. BREEDLOVE | Reg. No. 32,684 |
| NOREEN C. JOHNSON | Reg. No. 38,929 |
| PATRICK K. PATNODE | Reg. No. 40,121 |
| RONALD E. MYRICK | Reg. No. 26,315 |
| HENRY J. POLLCINSKI | Reg. No. 26,621 |
| JAMES W. MITCHELL | Reg. No. 25,602 |
| BERNARD SNYDER | Reg. No. 24,843 |
| CATHERINE J. WINTER | Reg. No. 38,364 |
| OF THE GENERAL ELECTRIC COMPANY AND | |
| STEPHEN A. BENT | Reg. No. 29,768 |
| DAVID A. BLUMENTHAL | Reg. No. 26,257 |
| BETH A. BURROUS | Reg. No. 35,087 |
| ALAN I. CANTOR | Reg. No. 28,163 |
| WILLIAM T. ELLIS | Reg. No. 26,874 |
| JOHN J. FELDHAUS | Reg. No. 28,822 |
| MICHAEL D. KAMINSKI | Reg. No. 32,904 |
| KENNETH E. KROSIN | Reg. No. 25,735 |
| JOHNNY A. KUMAR | Reg. No. 34,649 |
| JACK LAHR | Reg. No. 19,621 |
| GLENN LAW | Reg. No. 34,371 |
| PETER G. MACK | Reg. No. 26,001 |
| STEPHEN B. MAEBIUS | Reg. No. 35,264 |
| BRIAN J. MC NAMARA | Reg. No. 32,789 |
| RICHARD C. PEET | Reg. No. 35,792 |
| GEORGE E. QUILLIN | Reg. No. 32,792 |
| ANDREW E. RAWLINS | Reg. No. 34,702 |
| BERNHARD D. SAXE | Reg. No. 28,665 |
| CHARLES F. SCHILL | Reg. No. 27,590 |

Atty. Dkt. No. 040849/0192
GE Docket Number-121,788

RICHARD L. SCHWAAB
MICHELE M. SIMKIN
HAROLD C. WEGNER

Reg. No. 25,479
Reg. No. 34,717
Reg. No. 25,258

OF THE LAW FIRM FOLEY & LARDNER

and I request that all correspondence be directed to:

Michael D. Kaminski
FOLEY & LARDNER
Washington Harbour
3000 K Street, N.W., Suite 500
Washington, D.C. 20007-5109

Telephone: (202) 672-5300
Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| | |
|-------------------------|--|
| Name of first inventor | Thomas Alan EARLY |
| Residence | Clifton Park, New York |
| Citizenship | USA |
| Post Office Address | 32 Leonardo Drive, Clifton Park, New York 12065-2038 |
| Inventor's signature | <i>Thomas Alan Early</i> |
| Date | 9/16/02 |
| Name of second inventor | Paul Emery DONAHUE |
| Residence | Niskayuna, New York |
| Citizenship | USA |
| Post Office Address | 1285 Ardmore Court, Niskayuna, New York 12309 |
| Inventor's signature | <i>Paul Emery Donahue</i> |
| Date | 9/16/02 |

Atty. Dkt. No. 040849/0192
GE Docket Number-121,788

Name of third inventor

Anne 9/16/02
Elizabeth ~~Ann~~ WILLIAMS

Residence

9/16/02
South Scotia, New York

Citizenship

USA

Post Office Address

3 Berkley Square South, Scotia, New York 12302

Inventor's signature

Elizabeth Anne Williams

Date

9/16/02

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 816

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 19-0741



Deposit Account Name: FOLEY & LARDNER

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Bonita G. Huber

Electronic Signature Mark: \bgh

Date Signed: 20020923

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 740 |

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 22 | 103 | \$ 18 | 2 | \$ 36 |
| Independent Claims: 3 | 102 | \$ 84 | 0 | \$ 0 |

3,400,000.00

Subtotal For Extra Claims Fees: \$ 36

ADDITIONAL FEES

| Fee Description | Number | Quantity | Fee Code | Amount | Fee Paid |
|---|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1 | 581 | \$ 40 | \$ 40 |

Subtotal For Additional Fees: \$ 40